



**ENGINEERING OPERATIONS COMMITTEE
MEETING MINUTES
JUNE 5, 1997, 9:00 A.M.
MATERIALS AND TECHNOLOGY CONFERENCE ROOM**

Present:	C. T. Maki	P. F. Miller	J. J. Kanillopoulos
	E. D. Winkler	C. Roberts	E. Savas
	T. A. Fort	R. S. Cadena	A. D. Clover
	J. D. Culp	J. W. Reincke	

Guest: D. L. Smiley

OLD BUSINESS

1. Approval of the Minutes of the May 1, 1997, Meeting - P. F. Miller (Acting Chairperson)

Minutes of the May 1, 1997, meeting were approved as written.

2. Corridor Basis Construction (CBC) - B. W. Ness

This item was tabled until the July meeting.

3. Speed Limits in Work Zones - A. D. Clover

A rewrite of the final draft of maintenance procedures to *Provide Guidance for Short-Term Daytime Stationary Operations for Lane Closures on Freeways*, was presented for approval to the committee. The committee provided comments requiring revisions to the work zone control plan illustration and the need to ascertain the impact of the procedures on all departmental activities.

ACTION: The EOC approved the proposed procedures with the understanding that the Maintenance Division will incorporate the comments/suggestions in a revised final draft, and reassess the procedures with revisions incorporated, as appropriate, based on a post evaluation of the procedures for field operations. The Materials and Technology Division will review its field operations and incorporate the approved procedure, as required.

4. Bituminous Advisory Committee Future - E. D. Winkler

An overview of the purpose and functioning of the Bituminous Advisory Committee (BAC) was presented, along with the immediate impacts resulting from the loss of expertise by the recent retirement. Discussion pursued that led to several comments/suggestions to be taken into consideration by the BAC in their efforts to develop a more detailed proposal to address internal operation procedures, as well as the process that facilitates industry involvement.

ACTION: The BAC will continue their efforts to review and revise the committee's operation procedures, and a flow chart depicting the interrelationship and interaction of MDOT/industry representatives. A report will be presented at the July meeting.

5. Emergency Classification Guideline for Bridge Inspectors - A. D. Clover

The final draft of maintenance procedures for *Emergency Classification Guideline for Bridge Inspectors* were presented for consideration and approval by the committee. The proposed guidelines were developed in consultation with, reviewed by, and comments incorporated from all districts, as well as the Design Division.

ACTION: The EOC approved the proposed guideline as presented, with the stipulation comments/suggestions by the committee be incorporated and an operation procedure be developed that will clearly present context and intent of the promulgated guidelines

6. **Mechanistic Design Implementation Plan for Flexible Pavement and Overlays - D. L. Smiley**

At the April committee meeting, an overview of the purpose/need and an implementation plan was presented for the department to change from an AASHTO based design process to a mechanistic design process for flexible pavements and overlays. Additional information was provided at this meeting to address issues pertaining to the implementation, as well as the transition from our present to future operation.

ACTION: The EOC approved and supports the recommendation in concept, with the stipulation that this effort be undertaken as a proposed research project; establishing a number of pilot studies for comparison and evaluation to ascertain the value added by using the mechanistic design. Efforts will continue to address issues regarding coordination of activities with support areas, selection of trial project locations, and expenditure to cover training. The final report with an Action Plan describing the coordination of activities will be prepared, and a presentation will be made at the September meeting.

(Signed Copy on File at M&T)

Calvin Roberts, Secretary
Engineering Operations Committee

CR:kat

cc: EOC Members
District Engineers

J. R. DeSana

R. A. Welke

D. L. Smiley

L. E. DeFrain

M. Frierson

R. J. Lippert, Jr.

R. J. Risser, Jr. (MCPA)

A. C. Milo (MRBA)

J. Becsey (MAPA)

G. L. Mitchell

M. Newman (MAA)

T. Adams (MCA)

J. Ruskowski

C. Libiran

G. J. Bukoski

J. Steele (FHWA)

B. Richter

R. D. Till

S. Bower

C. W. Whiteside

K. Rothwell